

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A light output device for communicating with another light output device, the light output device comprising:

an external information receiver for receiving first external information, wherein the first external information is a first portion of external information transmitted from a source outside of the light output device~~which is information transmitted from an outside, among external information;~~

an external information acquisition unit for acquiring second external information, wherein the second external information is a second portion of the external information and the second external information is different than the first external information~~which is other information, among the external information;~~

a light output unit for outputting light; and

a light output controller for controlling, based on a relation between information related to a condition of a user of the other light output device included into the first external information and information related to a condition of a user of the light output device included into the second external information, a light output of the light output unit to be in one or more ~~number of~~ output states selected from among three or more ~~number of~~ output states.

2. (Original) The light output device of claim 1, wherein

the light output unit comprises a light output tool for outputting light;

the external information includes type information, which is information indicating an information type, and a information value, which is a value exhibited in the type information; and

the light output controller controls the light output of the light output tool, based on a type information and a information value contained in the first external information, and a type information and a information value contained in the second external information.

3. (Currently Amended) The light output device of claim 2, further comprising a type information memory for storing type information of the external information; wherein

the light output controller instructs the light output unit to output the light only when the type information contained in the first external information ~~is relevant~~ corresponds to the type information stored in the type information memory.

4. (Cancelled)

5. (Currently Amended) The light output device recited in claim 1, said device further comprising:

an external information memory for storing a plurality of pieces of ~~pieces of~~ the external information containing the first external information and the second external information, wherein

the light output controller controls the light output of the light output unit based on the plurality of pieces of the external information stored in the external information memory.

6. (Previously Presented) The light output device recited in claim 1, further comprising an external information transmitter for transmitting the second external information.

7. (Currently Amended) A light output device for communicating with another light output device or a relay, the light output device comprising:

an external information acquisition unit for acquiring first external information, wherein the first external information is a first portion of external information transmitted from a source outside of the light output device;

an external information transmitter for transmitting the first external information acquired at the external information acquisition unit to the other light output device or the relay for relaying the first external information between the light output device and the other light output device;

a light output unit for outputting light;

a parameter receiver for receiving a light control parameter indicating a relation between information related to a condition of a user of the light output device included into the first external information and information related to a condition of a user of the other light output device included into a second external information, wherein the second external information is a second portion of the external information and the second external information is different than the first external information, which is information related to a method of light outputting at the light output unit; and

a light output controller for controlling, based on the light control parameter, an output of the light at the light output unit to be one or more ~~number of~~ output states selected from among three or more ~~number of~~ output states.

8. (Currently Amended) The light output device of claim 7, wherein

the light output unit comprises a light output tool for outputting light;

the external information includes type information, which is information indicating an information type, and a an information value, which is a value exhibited in the type information; and

the light output controller controls the output of light at a plurality of the light output tools based on type information and an information value contained in the light control parameter.

9. (Currently Amended) The light output device of claim 8, further comprising a type information memory, which stores at least one of the type information contained in the external information and the type information contained in the light control parameter; wherein

the light output controller instructs the light output unit to output light only when the type information contained in the light control parameter ~~is relevant~~ corresponds to the type information stored in the type information memory.

10. (Cancelled)

11. (Currently Amended) The light output device recited in claim 7, wherein

the external information transmitter transmits a plurality of pieces of the external information, and

the light output controller controls the light output at the light output unit based on ~~the a~~ plurality of the light control parameters in the parameter receiver.

12. (Currently Amended) The light output device recited in claim 1, wherein

the light output controller controls the light output to be one light intensity level among three or more ~~number of~~ light intensity levels.

13. (Currently Amended) The light output device recited in claim 1, wherein

the light output controller instructs a color of the light output to be one color among three or more ~~number of~~ colors.

14-15. (Cancelled)

16. (Currently Amended) The light output device recited in claim 1, wherein

the light output controller controls the size of light displayed across a surface of a display  
~~output size to be one size of light source size among selected from three or more number of~~  
different sizes of light source sizes.

17. (Previously Presented) The light output device recited in claim 1, wherein

the external information includes information indicating speed of data input at an input  
apparatus through which the data is input.

18. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains information indicating ~~the a~~ CPU loading rate, wherein  
the CPU is included in the source outside of the light output device.

19. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains location information which is information related to the  
location of at least one of the light output device and a second light output device.

20. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains place information which is information related to the  
place of a second light output device.

21. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains pressure information which is information related to  
the pressure of how strongly a second light output device is grasped by a user of the second  
light output device.

22. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains heartbeat pulse information which is information indicating ~~the~~a heartbeat pulse counts of a user of a second light output device.

23. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains body temperature information which is information indicating ~~the~~a body temperature of a user of a second light output device.

24. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains blood sugar level information which is information indicating ~~the~~a blood sugar level of a user of a second light output device.

25. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains health condition information which is an information on ~~the~~a health condition of a user of a second light output device.

26. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains PH value information which is information related to ~~the~~a PH value of a user of a second light output device.

27. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains angle information which is information related to ~~the~~an angle of a second light output device.

28. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains revolution information which is information related to at least one of the a revolution speed and a number of revolutions of a revolving device coupled to a second light output device.

29. (Currently Amended) The light output device recited in claim 1, wherein

the external information contains brain wave information which is information related to thea brain wave of a user of a second light output device.

30. (Previously Presented) The light output device recited in claim 1, wherein

a shape of said light output device is one of cubic, rectangular or spherical.

31. (Currently Amended) A relay for receiving ~~an external information of an~~from a source outside of the relay and transmitting the external information to a light output device ~~recited in~~via an external information receiver for receiving first external information, the first external information being a first portion of the external information, the light output device comprising:~~which is information transmitted from an outside, among external information;~~

an external information acquisition unit for acquiring second external information, wherein the second external information is a second portion of the external information and the second portion is different than the first portion~~which is other information, among the external information;~~

a light output unit for outputting light; and

a light output controller for controlling, based on the first external information and the second external information, a light output of the light output unit to be in one or more ~~number of~~ output states selected from among three or more ~~number of~~ output states, which the relay comprising:

an external information receiver for receiving a sender identifier, which identifies a sender of the external information, and the external information;

a transmission control information memory which is storing a transmission destination identifier for identifying an external information transmission destination and transmission

control information which is a counterpart of the transmission destination identifier for one or more sets;

a transmission identifier acquisition unit for acquiring, from the transmission control information memory, the transmission destination identifier which is a counterpart of the sender identifier included in the external information received at the external information receiver; and

an external information transmitter for transmitting the external information received at the external information receiver to a transmission destination identified by ~~a~~ the transmission destination identifier acquired at the transmission destination identifier acquisition unit.

32. (Cancelled)

33. (Currently Amended) A relay comprising

an external information receiver for receiving a plurality of pieces of external information from a plurality of external apparatuses;

a light control parameter determination unit for determining a light control parameter based on the plurality of external information; and

a parameter transmitter for transmitting a light control parameter determined at the light control parameter determination unit to a light output device comprising:

an external information acquisition unit for acquiring external information;

an external information transmitter for transmitting the external information acquired at the external information acquisition unit;

a light output unit for outputting light;

a parameter receiver for receiving a light control parameter, ~~which is information related to a method of light outputting at the light output unit;~~ and



a light output controller for controlling, based on the light control parameter, an output of the light at the light output unit to be one or more ~~number-of~~ output states selected from among three or more ~~number-of~~ output states.

34. (Currently Amended) A relay comprising

an external information receiver for receiving history information, which is a plurality of pieces of external information about an external apparatus, from a plurality of external apparatus;

a light control parameter determination unit for determining a light control parameter based on ~~the~~ a plurality of history information; and

a parameter transmitter for transmitting a light control parameter determined at the light control parameter determination unit to a light output device comprising:

an external information acquisition unit for acquiring external information;

an external information transmitter for transmitting the external information acquired at the external information acquisition unit;

a light output unit for outputting light;

a parameter receiver for receiving a light control parameter, ~~which is information related to a method of light outputting at the light output unit;~~ and

a light output controller for controlling, based on the light control parameter, an output of the light at the light output unit to be one or more ~~number-of~~ output states selected from among three or more ~~number-of~~ output states the external information transmitter transmits a plurality of the external information, and

the light output controller controls the light output at light output unit based on the plurality of light control parameters in the parameter receiver.

35. (Currently Amended) A computer-readable medium, including a program for making a computer execute a light output device control method the light output device communicating with another light output device, said method comprising the steps of

(a) ~~receiving, among external information, first external information, which being information transmitted from an outside origin;~~ wherein the first external information is a first portion of external information transmitted from a source outside of the light output device;

(b) acquiring a second external information, wherein the second external information is a second portion of the external information and the second external information is different than the first external information~~which is other information, among the external information;~~ and

(c) ~~controlling the a light output of the light output device~~ based on a relation between information related to a condition of a user of the other light output device included into the first external information and information related to a condition of a user of the light output device included into the second external information.

36. (Currently Amended) The computer-readable medium~~program~~ of claim 35, wherein

the external information includes type information which is information indicating a type of information, and an information value which is a value exhibited in the type information; and

light output is controlled at step (c) based on type information and value information contained in the first external information, and type information and information value contained in the second external information.

37. (Currently Amended) The computer-readable medium~~program~~ of claim 36, which method further comprising the step of

(d) storing type information of the external information; wherein

at step (c), it ~~a light output controller~~ is instructed to output the light only when the type information contained in the first external information ~~is relevant~~ corresponds to the stored type information.

38. (Currently Amended) The computer-readable medium~~program~~ of claim 37, wherein

at step (c), it ~~the light output controller~~ controls the light to be outputted based on a plurality of light output methods~~parameters~~;

at step (d), a light output ~~method~~ parameter identifier for identifying the plurality of light output ~~methods~~ parameters and type information are stored under a counterpart relationship; and

at step (d), it is instructed to output the light in accordance with a light output ~~method~~ parameter identified by the light output ~~method~~ parameter -identifier only when the type information contained in the first external information ~~is relevant~~ corresponds to the stored type information.

39. (Currently Amended) The computer-readable medium~~program~~ recited in claim 35, which method further comprising the step of

(e) recording a plurality of pieces of the external information containing the first external information and the second external information; wherein

at step (c), the light output is controlled based on the plurality of pieces of the external information.

40. (Currently Amended) The computer-readable medium~~program~~ recited in claim 35, which method further comprising the step of

(f) transmitting the external information.

41. (Currently Amended) A computer-readable medium, including a program for making a computer execute a method of controlling a light output device, the light output device communicating with another light output device or relay, said method comprising the steps of

(a) acquiring ~~an~~ first external information, wherein the first external information is a first portion of external information transmitted from a source outside of the light output device;

(b) transmitting the first external information to the other light output device or relay for relaying the first external information between the light output device and the other light output device;

(c) receiving a light control parameter indicating a relation between information related to a condition of a user of the light output device included into the first external information and information related to a condition of a user of the other light output device included into a second external information, wherein the second external information is a second portion of the external information and the second external information is different than the first external information, which is information related to the light output method; and

(d) controlling, based on the light control parameter, the output of light to be in one or more ~~number of~~ output states selected from among three or more ~~number of~~ output states.

42. (Currently Amended) The computer-readable medium~~program~~ of claim 41, wherein

the external information includes type information which is information indicating an information type, and an information value which represents a value exhibited in the type information; and

at step (d), the light output is controlled based on type information and information value contained in the light control parameter.

43. (Currently Amended) The computer-readable medium~~program~~ of claim 42, which method further comprising the step of

(e) storing at least one of type information contained in the external information and type information of the light control parameter, wherein

at step (d), light output is controlled only when type information contained in the light control parameter ~~is relevant~~corresponds to the stored type information.

44. (Currently Amended) The computer-readable medium~~program~~ of claim 43, wherein

at step (c), a plurality of light output methods ~~is~~are controlled;

at step (e), a light output method identifier for identifying the plurality of light output methods and the stored type information are stored under a counterpart relationship; and

at step (d), the light output is controlled in accordance with a light output method identified by the light output method identifier, only when type information contained in the light control parameter ~~is relevant~~corresponds to the stored type information.

45. (Currently Amended) The computer-readable medium~~program~~ recited in claim 41, wherein

~~at step (b), it further includes transmits~~transmitting a plurality of pieces of the external information; and

at step (d), the light output is controlled in accordance with a plurality of the light control parameters.

46. (Currently Amended) The light output device recited in claim 7, wherein

the light output controller controls the light output to be one light intensity level among three or more ~~number of~~ light intensity levels.

47. (Currently Amended) The light output device recited in claim 7, wherein

the light output controller instructs a color of the light output to be one color among three or more ~~number of~~ colors.

48-49. (Cancelled)

50. (Currently Amended) The light output device recited in claim 7, wherein

the light output controller controls the size of light displayed across a surface of a display ~~output size~~ to be one size of light source size among selected from three or more ~~number of different sizes of light source sizes~~.

51. (Previously Presented) The light output device recited in claim 7, wherein

the external information includes information indicating speed of data input at an input apparatus through which the data is input.

52. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains information indicating the a CPU loading rate, wherein the CPU is included into the source outside of the light output device.

53. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains location information which is information related to the location of a second light output device.

54. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains place information which is information related to the place of a second light output device.

55. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains pressure information which is information related to ~~the~~ a pressure of how strongly a second light output device is grasped by a user of the second light output device.

56. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains heartbeat pulse information which is information indicating ~~the~~ heartbeat pulse counts of a user of a second light output device.

57. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains body temperature information which is information indicating ~~a the~~ body temperature of a user of a second light output device.

58. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains blood sugar level information which is information indicating ~~a the~~ blood sugar level of a user of a second light output device.

59. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains health condition information which is ~~an~~ information on a the health condition of a user of a second light output device.

60. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains PH value information which is information related to ~~the~~ a PH value of a user of a second light output device.

61. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains angle information which is information related to ~~the~~an  
angle of a second light output device.

62. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains revolution information which is information related to  
at least one of a the-revolution speed and a number of revolutions of a revolving device coupled  
to a second light output device.

63. (Currently Amended) The light output device recited in claim 7, wherein

the external information contains brain wave information which is information related to  
~~the~~a brain wave of a user of a second light output device.

64. (Previously Presented) The light output device recited in claim 7, wherein

a shape of said light output device is one of cubic, rectangular or spherical.